

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	22	((("5,815,685") or ("5,825,647") or ("6,033,814") or ("6,080,527") or ("6,120,952") or ("6,226,781") or ("6,249,904") or ("6,269,472") or ("6,301,697") or ("6,312,854") or ("6,370,679"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/17 13:44
S2	2	("6643616").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/17 13:44
S3	2	("6,467,076").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/17 15:30
S4	1	("Mentor Graphics" WITH OPCpro) (HERCULES WITH TAURUS WITH OPC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 18:31
S5	451	(lithograph\$2 adj2 simulat\$3) (KLA WITH Tencor WITH lithograph\$2 WITH simulat\$3) (Sigma\$1C WITH lithograph\$2 WITH simulat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 18:32
S6	13	(US-6120952-\$ or US-6249904-\$ or US-6370679-\$ or US-6033814-\$ or US-6643616-\$ or US-6269472-\$ or US-5815685-\$ or US-6312854-\$ or US-5825647-\$ or US-6301697-\$ or US-6467076-\$ or US-6080527-\$ or US-6226781-\$).did.	USPAT	OR	ON	2006/10/24 18:36
S7	0	(S4 S5 S6) and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) WITH polygon WITH (edge arc) WITH (curvature (intensity NEAR light)))	USPAT	OR	ON	2006/10/25 18:12
S8	1	(S4 S5 S6) and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) SAME polygon SAME (edge arc) SAME (curvature (intensity NEAR2 light)))	USPAT	OR	ON	2006/10/25 18:12
S9	0	COBB.in. and NICOLAS.in. and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) SAME polygon SAME (edge arc) SAME (curvature (intensity NEAR2 light)))	USPAT	OR	ON	2006/10/24 18:44

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S10	16	COBB.in. and NICOLAS.in. and (opc OPTICAL\$1PROXIMITY\$1CORRECTION "OPTICAL PROXIMITY CORRECTION" (OPTICAL WITH PROCESS WITH CORRECTION) "OPTICAL AND PROCESS CORRECTION")	USPAT	OR	ON	2006/10/24 18:45
S11	18	("5815685"   "5825647"   "6033814"   "6080527"   "6120952"   "6226781"   "6249904"   "6269472"   "6301697"   "6312854"   "6370679").PN. OR ("6643616").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/25 18:10
S12	0	S11 and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) WITH polygon WITH (edge arc) WITH (curvature (intensity NEAR light)))	USPAT	OR	ON	2006/10/25 19:50
S15	0	S11 and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) SAME polygon SAME (edge arc) SAME (curvature (intensity NEAR2 light)))	USPAT	OR	ON	2006/10/25 18:49
S16	0	S11 and (curvature (intensity NEAR2 light))	USPAT	WITH	ON	2006/10/25 18:17
S17	0	S11 and (curvature light intensity)	USPAT	WITH	ON	2006/10/25 18:25
S18	0	(DFM "design for manufacturability" design\$1for\$1manufacturability "design for manufacturability" design\$1for\$1manufacturability) same ((photolithography photo\$1lithography "photo lithography" photoresist photo\$1resist "photo resist") same (semiconductor semi\$1conductor "semi conductor" wafer)) and (curvature with light with intensity)	USPAT	OR	ON	2006/10/25 18:25
S19	0	(DFM "design for manufacturability" design\$1for\$1manufacturability "design for manufacturability" design\$1for\$1manufacturability) and ((photolithography photo\$1lithography "photo lithography" photoresist photo\$1resist "photo resist") and (semiconductor semi\$1conductor "semi conductor" wafer)) and (curvature with light with intensity)	USPAT	OR	ON	2006/10/25 18:25
S20	14	(US-6249904-\$ or US-6649309-\$ or US-6269472-\$ or US-6226781-\$ or US-6301697-\$ or US-6120952-\$ or US-6080527-\$ or US-6033814-\$ or US-5815685-\$ or US-6370679-\$ or US-6312854-\$ or US-6643616-\$ or US-6467076-\$ or US-5825647-\$).did.	USPAT	OR	ON	2006/10/25 18:25
S22	1	S20 and (curvature light intensity)	USPAT	WITH	ON	2006/10/25 18:26
S23	8	S20 and (curvature (light near2 intensity))	USPAT	OR	ON	2006/10/25 19:52
S24	7	S11 and (curvature (light near2 intensity))	USPAT	OR	ON	2006/10/25 18:40
S25	0	S11 and ((repartition\$3 re\$1partition\$3 recluster\$7 re\$1cluster\$7 redividing redivide redivision re\$1dividing re\$1divide re\$1division reseparation reseparate reseparating re\$1separation re\$1separate re\$1separating refragment refragmented refragmenting refragmentation re\$1fragment re\$1fragmented re\$1fragmenting re\$1fragmentation) WITH polygon WITH (edge arc) WITH (curvature (intensity NEAR light)))	USPAT	OR	ON	2006/10/25 18:47
S27	0	S20 and ((repartition\$3 re\$1partition\$3 recluster\$7 re\$1cluster\$7 redividing redivide redivision re\$1dividing re\$1divide re\$1division reseparation reseparate reseparating re\$1separation re\$1separate re\$1separating refragment refragmented refragmenting refragmentation re\$1fragment re\$1fragmented re\$1fragmenting re\$1fragmentation) WITH polygon WITH (edge arc) WITH (curvature (intensity NEAR light)))	USPAT	OR	ON	2006/10/25 18:47

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S28	2	S11 and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) WITH (loop looped looping iteration iterate iterating iterated iterative feedback feed\$1back))	USPAT	OR	ON	2006/10/25 18:49
S29	2	S20 and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) WITH (loop looped looping iteration iterate iterating iterated iterative feedback feed\$1back))	USPAT	OR	ON	2006/10/25 18:51
S30	3	S11 and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) WITH polygon WITH (edge arc))	USPAT	OR	ON	2006/10/25 19:50
S31	2	S20 and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) WITH polygon WITH (edge arc))	USPAT	OR	ON	2006/10/25 19:50
S32	4	S20 and (simulat\$3 WITH (curvature (light near2 intensity)))	USPAT	OR	ON	2006/10/25 19:55
S33	2	S11 and (simulat\$3 WITH (curvature (light near2 intensity)))	USPAT	OR	ON	2006/10/25 19:52
S36	0	(S30 S31) AND (S32 S33)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/25 19:54
S37	17	(US-6249904-\$ or US-6649309-\$ or US-6269472-\$ or US-6226781-\$ or US-6301697-\$ or US-6120952-\$ or US-6080527-\$ or US-6033814-\$ or US-5815685-\$ or US-6370679-\$ or US-6312854-\$ or US-6643616-\$ or US-6467076-\$ or US-5825647-\$ or US-6813757-\$ or US-6978438-\$ or US-7073162-\$).did.	USPAT	OR	ON	2006/10/25 19:54
S38	0	S37 and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) WITH polygon WITH (edge arc)) and (simulat\$3 WITH (curvature (light near2 intensity)))	USPAT	OR	ON	2006/10/25 20:00
S39	0	S37 and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) WITH polygon WITH (edge arc)) and (simulat\$3 NEAR (curvature (light near2 intensity)))	USPAT	OR	ON	2006/10/25 19:55
S40	2	S37 and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) WITH polygon WITH (edge arc)) and (simulat\$3 WITH (layout photomask photo\$1mask "photo mask" reticle mask wafer substrate))	USPAT	OR	ON	2006/10/25 20:00

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S41	26	("20040088149"   "4762396"   "5502654"   "5655110"   "5723233"   "5825647"   "5879844"   "6016357"   "6049660"   "6077310"   "6120952"   "6128067"   "6187483"   "6243855"   "6249904"   "6263299"   "6269472"   "6301697"   "6370679"   "6425117"   "6453452"   "6453457"   "6467076"   "6499003"   "6643616"   "6928634").PN. OR ("7073162").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/25 19:59
S42	14	("20040005089"   "20040133871"   "20050044513"   "20050066300"   "6243855"   "6381731"   "6397372"   "6415421"   "6425113"   "6430737"   "6544699"   "6563566"   "6643616").PN. OR ("6978438").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/25 19:59
S43	2	(S41 S42) and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) WITH polygon WITH (edge arc)) and (simulat\$3 WITH (layout photomask photo\$1mask "photo mask" reticle mask wafer substrate curvature (light near2 intensity)))	USPAT	OR	ON	2006/10/25 22:02
S44	11	(S41 S42) and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) WITH simulat\$3)	USPAT	OR	ON	2006/10/25 20:43
S46	1	(S41 S42) and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) WITH simulat\$3 WITH (adjust\$4 alter\$5 regulat\$3 align\$4 Modif\$8))	USPAT	OR	ON	2006/10/25 20:44
S47	33	("20020199157"   "20040005089"   "20040088149"   "4532650"   "4762396"   "5502654"   "5655110"   "5699447"   "5723233"   "5825647"   "5879844"   "6016357"   "6049660"   "6077310"   "6120952"   "6128067"   "6187483"   "6243855"   "6249904"   "6263299"   "6269472"   "6301697"   "6317859"   "6370679"   "6425117"   "6453452"   "6453457"   "6467076"   "6499003"   "6665845"   "6792159").PN. OR ("6928634").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/25 20:45
S49	1	S47 and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) WITH simulat\$3 WITH (adjust\$4 alter\$5 regulat\$3 align\$4 Modif\$8))	USPAT	OR	ON	2006/10/25 20:51
S50	0	S47 and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) NEAR simulat\$3 NEAR (adjust\$4 alter\$5 regulat\$3 align\$4 Modif\$8))	USPAT	OR	ON	2006/10/25 20:51
S51	1	S47 and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) NEAR simulat\$3)	USPAT	OR	ON	2006/10/25 21:00
S52	23	S47 and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) and simulat\$3)	USPAT	OR	ON	2006/10/25 20:52

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S53	2	S47 and ((partition\$3 cluster\$7 dividing divide division subdividing subdivide subdivision "sub dividing" "sub divide" "sub division" sub\$1dividing sub\$1divide sub\$1division separation separate separating fragment fragmented fragmenting fragmentation) WITH (curvature (light near2 intensity)))	USPAT	OR	ON	2006/10/25 21:01
S54	20	(US-6249904-\$ or US-6649309-\$ or US-6269472-\$ or US-6226781-\$ or US-6301697-\$ or US-6120952-\$ or US-6080527-\$ or US-6033814-\$ or US-5815685-\$ or US-6370679-\$ or US-6312854-\$ or US-6643616-\$ or US-6467076-\$ or US-5825647-\$ or US-6813757-\$ or US-6978438-\$ or US-7073162-\$ or US-6263299-\$ or US-6928634-\$ or US-6430737-\$).did.	USPAT	OR	ON	2006/10/25 21:15
S55	12	S54 and ((edge arc) WITH (threshold extremum extrema minimum minima maximum maxima "point of inflection" inflection reference peak ))	USPAT	OR	ON	2006/10/25 21:16
S56	17	S54 and ((aerial near2 image) (light near2 intensity))	USPAT	OR	ON	2006/10/25 22:03
S57	20	(US-6370679-\$ or US-6312854-\$ or US-6301697-\$ or US-6269472-\$ or US-6249904-\$ or US-6226781-\$ or US-6120952-\$ or US-6080527-\$ or US-6033814-\$ or US-5825647-\$ or US-5815685-\$ or US-6643616-\$ or US-6467076-\$ or US-7073162-\$ or US-6928634-\$ or US-6430737-\$ or US-6649309-\$ or US-6263299-\$ or US-6978438-\$ or US-6813757-\$).did.	USPAT	OR	ON	2006/10/26 12:18
S58	20	S57 and (threshold extremum extrema minimum minima maximum maxima "point of inflection" inflection reference peak )	USPAT	OR	ON	2006/10/26 12:19